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J. B. ARMSTRONG, Jr., Manager

COME TO Pleasant Valley Seed Corn Farm for Your SEED CORN

50,000 BUSHEL FOR 1912



Armstrong's Good Seed means a Good Stand, Big Crops and Prosperity. Stunted, weak, nubbin seed corn means poor, backward crops and cribs half full. Pleasant Valley Seed Corn Farm is the Pioneer in the Seed Corn Industry of Southwest Iowa. Their Corn is grown especially for Seed purposes from pure high yielding seed. In Armstrong's Seed House every ear of Corn is carefully examined and prepared by expert corn pickers.

WHY NOT LET ARMSTRONG FURNISH YOUR SEED CORN?

BULLETIN No. 55

ARMSTRONG'S A BIG PRODUCER

Iowa Agricultural College, Ames, Iowa, Raised 94 Bushels per Acre of Armstrong Corn
Pleasant Valley Farms - - - Raised 139 Bushels per Acre of Armstrong Corn

Best of All Tests---Backed by the Great State of Iowa

Extension Farm Report No. 11, Page 17, Table 7: This is a fair and impartial test of varieties about to be planted by farmers and the test taken from their seed bags unknown to us.

ARMSTRONG'S SEED CORN CLEANS UP THE WHOLE BUNCH

CROP GROWN FROM

Armstrong's Seed Corn MADE

At Extension Farm, Allamakee, Iowa

4½ bushels per acre more than crop from the 59 farmers' seed tried.
7¾ bushels per acre more than crop from Henry Field Seed Co. seed corn.
16 bushels per acre more than crop from Ratekin seed corn.
16 bushels per acre more than crop from Clear Lake, Iowa, seed.
19½ bushels per acre more than South Dakota seed corn.
17 bushels per acre more than the average yield of seed corn from 12 other seed houses.

Armstrong's seed made the most corn, best corn, most marketable ears, most seed ears, and least nubbins.

If every farmer in Allamakee County had planted Armstrong's seed corn they would have made their corn crop yield one million dollars' worth more corn.

Armstrong's Corn Succeeds Everywhere

William McCarty, Illinois, says: "Best yellow variety after trying all others; seventy-five bushels per acre."

John Burch, Iowa, says: "Been planting your corn nine years; always satisfactory."

Lewis Irby, Indiana, says: "Armstrong's corn best he ever saw."

Ole Stubbins, South Dakota, says: "Carried off sweepstakes Iowa Short Course, Ames."

A. J. Miller, Missouri, says: "Armstrong corn wonderful; beats all others; 1,400 off twenty-six acres first year."

Ed. Bank, Illinois, says: "Seventy-one bushels per acre."

G. W. Pointer, Missouri, says: "Best corn raised in forty-five years' farming. Beats other corn thirty to forty bushels per acre."

Elder & Tuttle, Ohio, says: "Won a premium National Corn Show, Chicago, on Armstrong's seed corn."

W. E. McKeal, Kansas, says: "Armstrong corn exceeds all others, yield and maturity; first premium county fair; seventy-five bushels per acre."

M. T. Snow, Iowa, 1911: "Armstrong corn made sixty bushels this year."

Mark Hulett, Missouri, 1911, says: "Sixty-five bushels per acre."



As it comes from Pleasant Valley Seed Farm.

PLEASANT VALLEY FARM

Turned out a bigger crop and better corn in 1911 than for 5 years, about 75 to 80 bu. and an average near 70 bu.



NOW, can you doubt that we have the greatest producing, richest and best varieties grown. The farmers, the farm papers, the banks, everybody says Armstrongs are reliable. Twenty-five years honest dealing is our record. We grow a large part of our own corn and deliver the goods. You will say the dry season of 1911 was a God send for bringing "Armstrong seed corn."

WARRANTY OR GUARANTEE

We test all seeds and we believe they are of good vitality, vigorous and pure or we would not send them, but we do not give any warranty as to description, quality, productiveness or in any other manner, as we do not control planting methods, and weather conditions often govern results.

Armstrong's White Salamander



Armstrong's White Salamander.

W. E. McKeal, Kansas, says: "Seed corn from you did exceedingly well. White Salamander exceeds all other varieties I ever saw in yielding, maturity and firmness on the cob. I took the premium at the county corn growing contest, and judges said I had by far the most pure bred and truest type corn exhibited. My Salander made seventy-five bushels per acre; my Early Yellow Rose made far more than any native corn."

G. D. Brown, South Dakota, says: "Just a few lines about Early Yellow Rose and White Salamander. I took a sample of ten ears each to South Dakota Corn Growers' Association, held at Mitchell, and won first, with a score of 89."

Prize winner at the National Corn Show.
Prize winner at County Corn Growing Contest.
Prize winner at State Corn Growing Association.
Produces show ears in Kansas and Missouri.
Matures the crop before dry weather in Oklahoma and Texas.
Produces a big crop of fine corn in Iowa, Illinois and Indiana.
The finest corn ever grown in eastern Nebraska.
Salamander is the earliest big white corn grown.

White Salamander was originated by J. B. Armstrong from his already famous Snowflake White variety. First placed on sale by us ten years ago. During the past ten years we have probably sold one hundred thousand bushels of this variety. In fact we have never raised enough Salamander to supply all our customers.

We have named this corn Salamander because it withstands the fiery hot weather of July and August. It is a vigorous grower, heavy stalks, wide leaves and very rugged brace roots. The ears are large, pure white with small stem, husks very easily, both ends well filled, 18 to 24 rows of deep wedge shaped kernels, and we have shelled out 63 pounds of shelled corn from 70 pounds of ears.

White Salamander is the kind to tie to. Matures in 100 to 110 days, a big yielder, and is the earliest big white corn grown.

We have returned many orders for White Salamander because of its big demand. Get your order in early and secure a supply of this wonderful variety.

ADAPTED

Salamander is adapted to the south one-third of Iowa, central and southern Illinois and Indiana, eastern Nebraska, all over Missouri, eastern Kansas and Oklahoma. Fine for north Texas and Arkansas, and makes bumper crops in Louisiana, Mississippi and Georgia.

Prices—Per bushel, \$2.25; 5 bushels, \$2.00 per bushel; 1/2 bushel, \$1.25; peck, 75c. The above is hand picked and selected, tipped and butted, shelled and graded, ready for edge-drop planter.

For selected ears, crated, add \$1.00 per bushel to cover cost of crating, packing, etc.

G. W. Pointer of Missouri says: "White Salamander bought of you is the best corn I have raised in forty-five years. Salamander made seventy bushels per acre, while other corn made from thirty to forty bushels. Send me your new catalog."

Vulcan Hardware Co., Ohio, says: "We are pleased to advise you that the corn which won for us at the National Corn Show was Armstrong's Salamander."

J. W. M. Hodge, Missouri, December, 1911, says: "Salamander does best of any corn here. All the corn from you did well. My neighbors want seed."

Armstrong's Snowflake White

Made 90 bushels per acre at Iowa Agricultural College, Bulletin No. 55.

Won sweepstakes at the Short Course in corn and stock judging, Ames, Iowa.

Made 100 bushels per acre in Nebraska.

Grew enormous corn in Missouri.

Just suits the people of Kansas.

Snowflake White is a thorough bred variety, large size, and often pronounced by corn experts to be the best white variety grown.

Snowflake White was originated by J. B. Armstrong on Pleasant Valley Seed Corn Farm, and is adapted to a wide range of soil and climate as is shown by prize winning records and big yields obtained.

At the Trans-Mississippi Exposition won gold medal for the biggest and best corn exhibited.

At Ames, Iowa, Short Course, it took first premium. Grown by Ole Stubbins, Alcester, South Dakota.

At various state and county fairs and Farmers Institutes, Snowflake has been a successful competitor.

Van S. Deaton, M. D., ex-member Ohio Legislature, says: "Snowflake White took first premium over seven entries at Miami Fair. The depth of grain and uniformity of ears did the work."

J. A. Teague, Kansas, says: "Snowflake White and Early Yellow Rose I tested on prairie land made one-third more corn than any other kind, being three weeks earlier, which is a great benefit." I surely recommend your corn."



Prices—Per bushel, \$1.75; 5 bushels or more, \$1.60 per bushel; 1/2 bushel, 90c; peck, 50c.

Selected ears, crated, add \$1.00 per bushel to the above prices to cover cost of crating, sacking, etc.

Snowflake White has given the most excellent satisfaction. It grows thick stout stalks of medium height, which never blow down. Ears grow four feet from the ground, 8 to 12 inches long, 18 to 24 rows of moderately rough pure white, deep kernels on a pure white cob.

We often find ears weighing from 20 to 30 ozs. at picking time, shrinking down to good big pound ears, well filled at tip and butt, making all together a very nice uniform variety.

Snowflake is a main crop variety. Try it and you are convinced.

ADAPTED

Snowflake is an adapted variety for south half of Iowa, southeastern Nebraska, central and southern Illinois and Indiana, all over Missouri, eastern Kansas and Oklahoma, and northern Texas.

Our seed is hand picked and selected, tipped and butted, shelled and graded, ready for the edge-drop planter, sacked and f. o. b. Shenandoah.

T. M. Clark, Indiana, says: "Snowflake White and Early Yellow Rose varieties proved to be the best corn I ever planted, making the heaviest yield and exceeding by far the best crops ever grown in this part of Indiana."

L. M. Keller, Missouri, says: "Snowflake White and Early Yellow Rose are the best corn I ever had. They weigh the most, yield the most, and I can raise more corn per acre than any neighbor since I got your corn. Made seventy-five bushels per acre last season."

Iowa Silver Mine

ADAPTED

Iowa Silver Mine is one of the leading varieties of pure white corn well over the United States. It was introduced a number of years ago by a seed corn grower of central Iowa, since which time it has been largely cultivated all over the corn belt. Its desirable characteristics are deep grain, full of oil, ears well filled out, small space between the rows, a big yielder, even on poor soil. The stalks grow rather short and heavy, frequently bearing two ears of a uniform type, which often weigh 1 to 1 1/2 pounds each, 16 to 20 rows of deep white kernels on a small white cob.

We have frequently shelled out 62 pounds from 70 pounds of ears, leaving only 8 pounds of cobs per bushel.

Silver Mine dries out readily and always escapes early frosts.

Prices—Per bushel, \$1.75; 5 bushels or more, \$1.60 per bushel; 1/2 bushel, 90c; peck, 50c.

Selected ears, crated, add \$1.00 to above prices to cover cost of crating, packing, etc.

Silver Mine is adapted to a wide range of soils and climate, and can be grown with profit in all parts of the corn belt, especially in north central districts. It is a great feeding corn and will thrive under most unfavorable conditions, maturing in 100 days.

F. O. Oldfield, Illinois, says: "Silver Mine made seventy-two bushels per acre."

O. G. Platt, Illinois, says: "Silver Mine made seventy bushels per acre—fifteen bushels per acre more than common corn."

J. L. Rock, Wisconsin, says: "Silver Mine making seventy-five bushels per acre."

O. B. Weiner, Nebraska, says: "Iowa Silver Mine makes eighty bushels per acre and ripens ahead of any other corn."

James Brasted, Missouri, says: "Silver Mine made sixty-eight bushels per acre. Beat my old corn twenty-five bushels."

F. E. James, Oklahoma, says: "Silver Mine matures in August and beats the drought."

L. McMeele, Texas, says: "I always plant Silver Mine with good results. Your seed is O. K. Send your new catalog."

PLEASANT VALLEY SEED CORN FARM, SHENANDOAH, IOWA

Reid's Yellow Dent

Reid's Yellow Dent is the most popular variety of corn in the United States. In fact it is called by some the national corn. Reid's Yellow Dent will grow in almost any state in the Union, and do a pretty good job of it. Personally we are not great admirers of Reid's Yellow Dent, however, it is the most thorough bred corn yet produced, being of a fine yellow color, ears have straight rows, filling out well at both ends, ears holding their shape well to the point, and all together is the most uniform type yet produced. Every ear of Reid's Yellow Dent looks just like the other. Mr. James L. Reid of Illinois, originated the variety many years ago, and he succeeded in fixing the type so that it is almost impossible to change it. The crop matures in about 110 days, ears grow medium size, kernels quite deep and set together so closely on the cob as to make the ears absolutely solid.

The leaves and stalk of Reid's Yellow Dent make the finest ensilage and fodder, and when raised for main crop it produces yields of 60, 80 and 100 bushels per acre.

We offer the pure, thorough bred type of Reid's. Our seed is sound and mature, germinating 98 to 100 per cent.

We examine every ear, knock off the tips and butts, shell the corn and grade it for the edge drop planter.

ADAPTED

Reid's Yellow Dent is adapted to central and southern Indiana, Illinois and Iowa, southeastern Nebraska, eastern Kansas and Oklahoma, all over Missouri, and does fine in all the Southern states.

Reid's Yellow Dent adapts itself to all kinds of soil, and will grow prize ears under almost any conditions.



Reid's Yellow Dent.

PRICES FOR REID'S YELLOW DENT.

Prices—Per bushel, \$1.75; 5 bushels of over, \$1.60 per bushel; ½ bushel, 90c; peck, 50c.
Selected ears, crated, add \$1.00 to above prices to cover cost of crating, packing, etc.

Iowa Gold Mine

Iowa Gold Mine is quite similar in appearance to the Silver Mine, but is a trifle earlier in maturing. Our stock ripens here in August and is dry and sound when cold weather comes, making it superior for seed to any doubtful northern raised crop. It overruns four or five bushels to the wagon load and makes 64 pounds shelled corn to 70 pounds of ears. The cob is small and dries out very early. The ears grow medium size, but is an extra good yielder, and the stalks make excellent silage or fodder. Gold Mine matures in 100 days.

Our seed is high germination, every ear carefully examined, tipped and butted, shelled and graded, sacked in strong sacks.

ADAPTED

Iowa Gold Mine is adapted to cultivation in eastern Nebraska, southeastern South Dakota, all over Iowa, northern Illinois and Indiana.

Prices—Per bushel, \$2.00; 5 bushel or over, \$1.75 per bushel; ½ bushel, 90c; peck, 50c.
Selected ears, crated, add \$1.00 per bushel to cover cost of crating, packing, etc.

Mammoth Iowa Yellow

Makes 125 bushels per acre. Monstrous big yellow ears. Deep rich grain. A great cattle corn. Our largest yellow variety.

Mammoth Iowa Yellow is a product of crossing three largest varieties of yellow corn, with a view of producing the very largest ears possible for man to grow. The stalks are very large, both thick and tall. The leaves are extra wide, the brace roots very rugged. The ears, which frequently weigh two pounds at picking time shrink down to a good big pound and grow eight inches to a foot in length and eight to ten inches in circumference, but owing to the dry season are a little below normal this year, still our seed has inherited qualities and will produce big corn. The cob is good size, ears have eighteen to twenty-four rows of deep yellow kernels, ⅝ to ⅞-inch long. Color is dark yellow, some bordering on red. The corn is chock full of soft, digestible starch and oil.

Mammoth Iowa Yellow is wonderfully productive, whole fields making 90 to 100 bushels per acre. Since the origin of this corn it has been raised quite extensively by several of our best farmers, who have found it to give thorough satisfaction, year after year.

During the past we have shipped thousands of bushels of this great variety to farmers in different parts of the corn belt. All reports indicate that Mammoth Iowa Yellow gives satisfaction to those who are looking for monstrous large corn.



Mammoth Iowa Yellow.

Adapted

Mammoth Iowa Yellow is adapted to southern Iowa, southeastern Nebraska, southern Illinois, all over Missouri, eastern Kansas, eastern Oklahoma, northern Texas; also Louisiana, Mississippi, Alabama and Georgia.

Our seed germinates 98 to 100 per cent. Every ear is hand selected, tipped and butted, shelled and graded, ready for the planter.

A. J. Miller, Agency, Mo., writes: "Mammoth Iowa Yellow is wonderful; far exceeds any other yellow corn here; 1,400 bushels on twenty-six acres, and I received two blue ribbons on it. It is the best Mammoth corn grown."

PIERCE FARM WEEKLIES

The Iowa Homestead, Wisconsin Farmer, Farmer and Stockman.
Des Moines, Iowa, Dec. 4, 1911.

J. B. Armstrong & Son, Shenandoah, Iowa:

Gentlemen—Head and shoulders above any seed corn man in the country—a position to which we consider you are well nigh entitled. There are some seed corn men who could never attain this, no matter how much advertising they did. With Armstrong & Son however, it is a different matter. In all the years we have carried your advertising, we do not remember a serious complaint. You must therefore have an excellent standing with our readers.

Very truly yours,

PIERCE FARM WEEKLIES.

Hugh McVey, Adv. Mgr.

Central, Iowa, Dec. 22, 1911.

J. B. Armstrong & Son, Shenandoah, Iowa:

Gentlemen—Regarding the corn I got from you, planted 75 acres, all growing well, being good germination. I got a good crop despite the dry weather and grass hoppers. From seed I got from you 110 acres made 79 bushels 50 pounds weighed corn to the acre. My renter had 30 acres of your corn on sod, made 87 bushels 40 pounds to the acre. I am always a booster for Armstrong Corn as it does better than any other seed I can get.

Yours truly,

JOHN BURCH.

J. DeLezal, Morris Bluffs, Neb., writes: "Mammoth Iowa Yellow is the best corn I ever saw. It made 125 bushels."

J. B. VanHoosier, Missouri, writes: "I received the seed O. K. Certainly is fine."

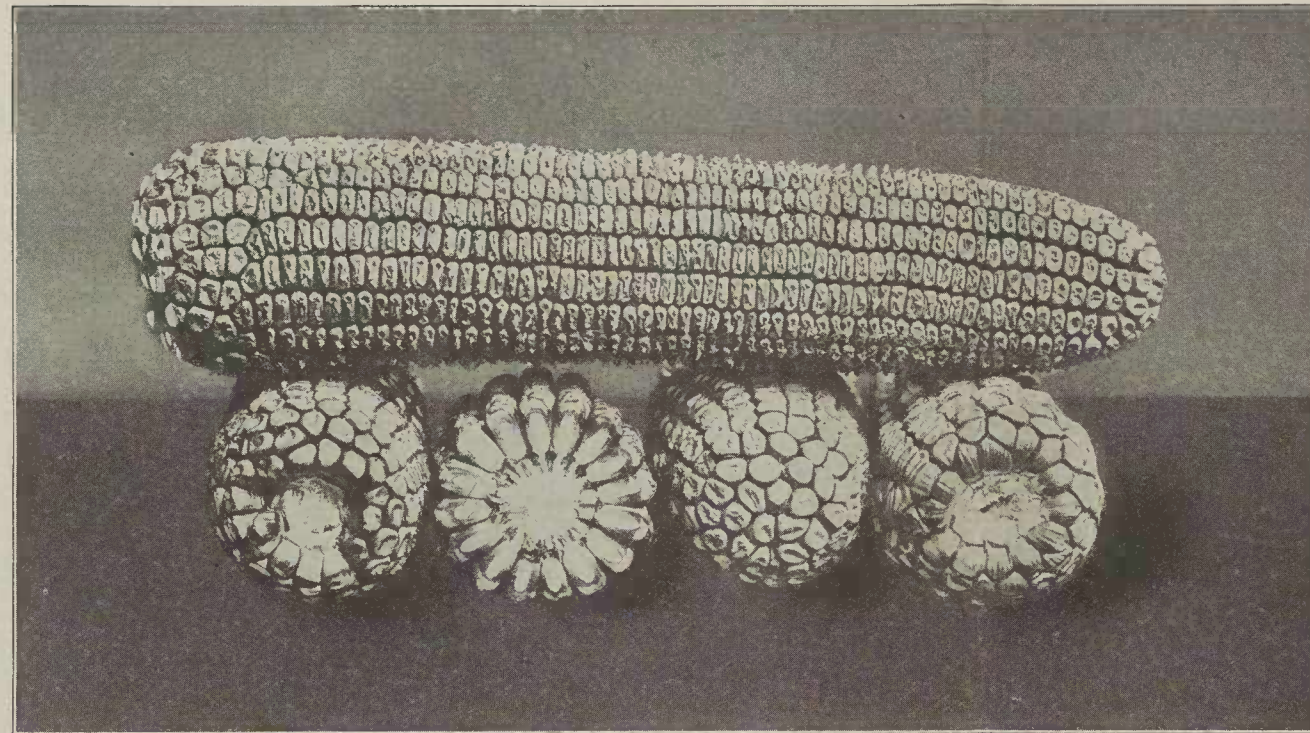
Alfred Johnson, Iowa, writes: "Mammoth Iowa Yellow is the best corn I ever grew. One man husked 200 bushels in a day."

G. A. Stanton, Missouri, writes: "Mammoth Iowa Yellow is a fine variety. It makes big ears of the finest quality. Am going to try it on my farm in Kansas."

Prices—Per bushel, \$2.25; 5 bushels, \$2.00 per bushel; ½ bushel, \$1.25; peck, 75c.

For selected ears, crated, add \$1.00 per bushel to cover cost of crating, packing, etc.

EARLY YELLOW ROSE



Early Yellow Rose.

Made 139 bushels per acre on Pleasant Valley Farm.
Made 94 bushels per acre, Iowa Agricultural College, ripe September 4th, bulletin No. 55.
Gold Medal winner at Trans-Mississippi Exposition.
First premium at Iowa-Illinois County Fair.
First premium at Iowa State Fair.
Highly recommended by the Iowa Agricultural College, Bulletin No. 32 and No. 55.

Early Yellow Rose is without a doubt the best medium early yellow corn grown. It has been improved and bred up for over twenty years, and is now thoroughly adapted to all corn growing sections.

Early Yellow Rose was produced by J. B. Armstrong over twenty years ago as a cross between a very deep grain early variety and the Silver Red of Illinois.

By constant selection with a fixed type in view a grand variety of corn was obtained, which is suitable for all over the corn belt.

The above assertions have been amply demonstrated by our thousands of customers, for we have probably sold no less than five hundred thousand bushels of this excellent variety.

Iowa Agricultural College record, Bulletins No. 32 and No. 55, show that Early Yellow Rose, planted May 12th, was ripe September 4th, made 94 bushels per acre, and 70 pounds of ears produced 62 pounds of shelled corn, a shelling percentage of almost 90 per cent, a gain of almost 10 per cent over ordinary corn.

Press Bulletins No. 11 and No. 13 show that Early Yellow Rose has done equally well in widely scattered localities. Producing greater yields than was obtained from farmers' seed corn and outyielding seed from various seed concerns from seven to nineteen bushels per acre.

ADAPTED

Early Yellow Rose is thoroughly adapted to all sections. It has been grown successfully in Minnesota and South Dakota. In the very northern counties of Iowa it has made a bigger yield of good corn than native seed. Early Yellow Rose has matured in practically every county in Iowa. Illinois farmers say it is the best yellow corn for market they can grow. Eastern Nebraska farmers say it is a big yielder and the finest feeding corn they can find. Missouri farmers say it grows an extraordinary big yield, gets ripe early and is the best variety they have. Kansas farmers say Early Yellow Rose withstands the dry weather, making a bigger yield than native corn. Oklahoma farmers say Early Yellow Rose makes a crop before the dry weather sets in, and that a small investment in Armstrong's seed corn will insure a crop. Texas farmers find the same thing to be true there.

Early Yellow Rose is not a small corn but grows good sized ears with a deep grain, red cob, fills out well and is the richest feeding corn ever produced.

Early Yellow Rose is always good germination, stands up well, makes abundance of fodder, ears good size, beautiful color, grain rich in protein and oil, makes more pounds of shelled corn to 70 pounds of ears than any other kind.

Early Yellow Rose is our very best variety; you will make no mistake in Early Yellow Rose.

Prices—Hand selected, tipped and butted, shelled and graded, sacks free, f. o. b. Shenandoah. Per bushel, \$2.00; 5 bushels and over, \$1.75 per bushel; 1/2 bushel, \$1.00; peck, 50c.

Select ears, crated, add \$1.00 per bushel to above prices to cover cost of crating, packing, etc.

William McCarty, Illinois, says: "Early Yellow Rose is the best yellow corn I have been able to find after trying all other varieties. It is a pure yellow, deep grained, ears are large and uniform and well filled. Stands drouth well, and a splendid yielder. Crop averaged seventy-five bushels per acre."

G. W. Gray, Ohio, says: "Early Yellow Rose is all right. It is a thrifty corn and made a good crop when all others failed."

Ed. Bang, Illinois, says: "Early Yellow Rose gave satisfaction; made seventy-one bushels per acre."

John Burch, Iowa, says: "Been planting Early Yellow Rose for nine years. Always gives good satisfaction."

Lewis Irby, Indiana, says: "Early Yellow Rose corn is the best for this section. Makes all sound corn."

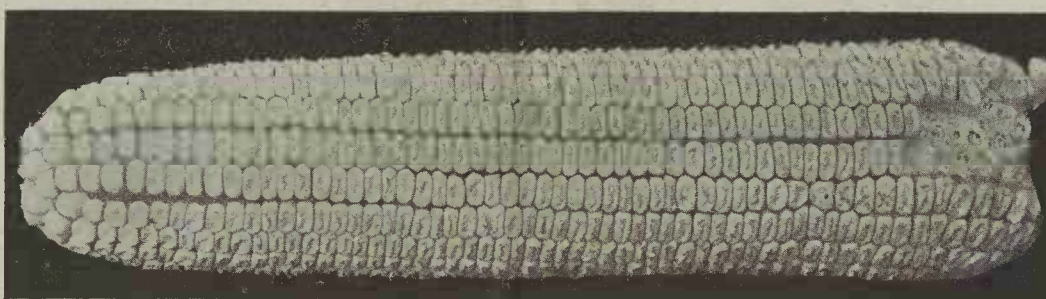
C. F. Curtis, director Iowa Agricultural College, says: "Early Yellow Rose made ninety-four bushels per acre, and shelled sixty-two pounds of corn from seventy pounds of ears."

R. W. Morse, grain buyer, says: "Early Yellow Rose is the best corn coming to my elevator."

Louis Wanz, Kansas, says: "How is it that Early Yellow Rose stands drouth so? It has never rained since I planted, and my other corn is gone up, but Yellow Rose is green yet and growing."

BOONE COUNTY WHITE

This famous corn is also called Franklin County White, and is similar to Johnson County White. It is an extra large white variety of a thorough bred type. Of late years it has gained considerable popularity and is being successfully cultivated well over the corn belt and introduced largely in the Southern states. It is very similar to our Snowflake White, and in fact is almost identical. However, it is a trifle later and has possibly a trifle deeper grain. Boone County is a show corn, and has picked up many of the premiums offered at Corn Contests, Short Courses, County and State Fairs, etc.



Boone County White.

Ears grow eight to eleven inches, eighteen to twenty-two rows, grain deep and rough, cobs medium size and pure white. A big corn and a big yielder. Matures in 110 to 120 days. Boone County White should not be planted north of Des Moines, Iowa, Council Bluffs, Ia., or Galesburg, Ill. South of this it may be depended upon for big crop.

ADAPTED

Boone County White is adapted to Southern Iowa, Illinois and Indiana, Southeastern Nebraska, Eastern and Central Kansas, all over Missouri and all the Southern States.

Prices—Per bushel, \$2.00; 5 bushels, \$1.75 per bushel; 1/2 bushel, \$1.25; peck, \$75c.

Above is hand selected, tipped and butted, shelled and graded and ready for the edge-drop planter. For selected ears, crated, add \$1.00 per bushel for cost of crating, packing, etc.

Improved Red Cob White

This is a big, heavy, rank growing corn with a red cob. Corn breeders object to a red cob in a white corn, but many good farmers prefer this kind. And it really often does better than the white cob variety. There certainly is a strong sentiment in favor of red cob white corn.

It is certainly a grand variety. The ears are large size, deep grain, medium thick and moderately rough. Stalks grow very heavy and leafy, and while the corn produces enormous yields it is an extraordinary good variety for silage, making as much as twenty tons per acre on manured land. The corn is of excellent milling qualities, being used for grits, corn meal and hominy.

ADAPTED

Red Cob White is adapted to all the corn growing states, maturing in 110 days. Eastern Nebraska makes 55 to 80 bushels per acre, on the Missouri river bottoms it makes yields of 100 bushels per acre and over. Picking the crop of this year huskers have gathered two hundred and thirty bushels in a day, an impossible performance in ordinary corn fields.

Red Cob White husks easily, grows a big ear and breaks off easy, fills up a wagon faster than almost any other corn. It is a great favorite in Missouri, eastern Kansas, eastern Oklahoma and the Southern states. The remarkable feature is that the worms do not bother Red Cob White as bad as other varieties.

All our seed is the best germination. Every ear is carefully examined, tipped and butted, shelled and graded, ready for the planter.

Prices—Bushel, \$1.75; 5 bushels or more, \$1.60 per bushel; 1/2 bushel, 90c; peck, 50c.

For selected ears, crated, add \$1.00 per bushel to above price for crating and packing.

Jim Young, Iowa, 1911, says: "Red Cob White for me. It's the best I can find."

Alfred Borden, Missouri, says: "Worms never work on Red Cob White like other kinds. Makes 100 bushels per acre on bottom land."

Chas. Bright says: "I always plant Red Cob White and always get a big sound crop."

PLEASANT VALLEY SEED CORN FARM, SHENANDOAH, IOWA

IOWA WHITE WONDER OR WHITE ELEPHANT

Iowa White Wonder is the largest variety yet originated in Shenandoah district. It was first introduced by us a number of years ago, since which time we have sold thousands of bushels of this variety. Ordinarily good fields of this corn yield 60, 80 and 100 bushels per acre. It is simply a matter of good soil and good weather for Iowa White Wonder to double the yield of anything on the farm, being a big producer on rich or poor soil alike.

In a field of White Wonder it is a short matter to gather an armful of twelve-inch ears, the average is eight and eleven inches, but specimens often grow to the extreme length of fourteen and sixteen inches. The ears have from fourteen to sixteen straight rows of medium smooth dent kernels. Cob is pure white, medium size, the ears hold their thickness well to the tip and break out of the husks quite easily. Ordinary huskers pick 100 bushels per day. Expert huskers can double this amount.

Farmers who have been growing White Elephant are getting rich, they get big yields every year and at present prices of corn are making a fortune with this variety.

Owing to the dry season the ears are not quite as large as usual, but the seed is of good germination and has the inherited qualities which will produce enormous yields of the biggest white corn grown.

ADAPTED

White Wonder is adapted to rich and poor soil alike. It always grows a long ear, even on poor soil. In Iowa it should be planted only in the southern part of the state. In southeastern Nebraska, southern Illinois and Indiana and eastern Kansas and Oklahoma and northern Texas it is absolutely sure. It does finely in the Southern states, especially in the delta land of the Mississippi valley, it produces ears like stove wood. Our stock is good fair size and of extraordinarily good germination.

Every ear is hand selected, tipped and butted and shelled, and graded, ready for the edge drop planter.

Prices—Per bushel \$3.00; 5 bushel, \$2.50 per bushel; half bushel, \$1.75; peck, \$1.00. Will put a sample ear in each sack if desired.

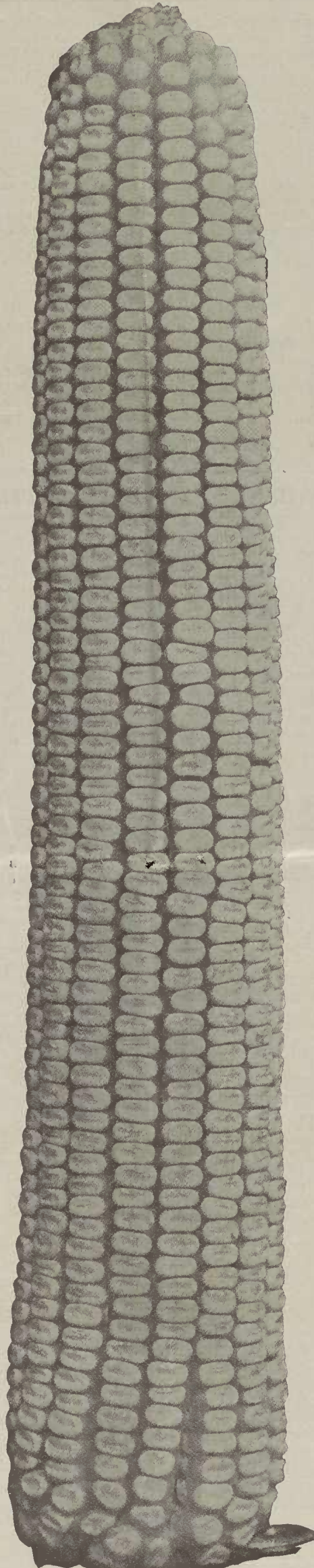
Selected ears, crated, eight to twelve inches, \$3.50 per bushel.

Grading Seed Corn

Armstrong's Seed House was undoubtedly the first to introduce graded seed corn. Being pioneer seed corn growers of southwestern Iowa every step taken in the seed corn business by us was original. The first large and improved seed corn grader ever used in the Shenandoah district was placed in the Armstrong Seed House. This machine has just doubled the capacity of any machine used by our competitors.

It is a No. 29 Clipper Cleaner, large as a small threshing machine, occupying a house erected especially for it.

The seed first passes through a large fan which takes away any chaff, cob tips or other impurities. The corn then passes through a double series of screen, through and over alternately first a slotted riddle, then a round hole riddle. The machine gives a double operation at one running, and it is impossible for thick grains to get into our seed, such as will not feed out in the edge-drop corn planters. Small or narrow grains which may appear in the center of the ear are sifted out. Then the corn passes through a blast of air, separating out any grain which is thin and light. In this way our seed is



Iowa White Wonder.

graded in the best possible manner, and it is a fact that in planting our graded seed there is no occasion to empty the planter boxes to rid it of irregular grains.

Germination Tests

Although we employ expert corn pickers, we make frequent tests of seed corn we are picking. It is needless to say we do not fool with any crop of corn which indicates poor germination. The crop of 1911 produced seed much of which shows a 100 per cent germination. It is safe to say if you purchase Armstrong seed corn you are almost assured of a stand. Good stand means a big crop generally; poor stand means disappointment and failure. Don't plant old corn. Secure the best new crop from a reliable grower and avoid disappointment.

JUMBO or LONG TOM

Jumbo is a big smooth Missouri type yellow corn. Like the Missouri hog, it has long ears, and many other good features.

Among all the varieties of yellow corn we have ever grown Jumbo grows the biggest, longest ear of any kind.

This variety is not new but is well known in certain localities where it has become a fast favorite because of its big yield of first-class corn. Jumbo grows ears 8, 10, 12, 14 and 16 inches in length ordinary years. In a season like 1911 the ears are somewhat smaller, but the inherited producing qualities are still there. Whole fields of Jumbo often grow 80 and 90 bushels per acre. A husker commonly picks four loads per day, picking 200 bushels is not impossible; even 250 bushels are reported. Like the old Mortgage Lifter, Jumbo fills up a wagon faster than any other corn grown. If Jumbo has a single fault it is the fact that a common scoop shovel is hardly fit to use on this variety—one needs a cob fork. Jumbo requires a full 120 days. It is not much suitable for Iowa except in the southern tier of counties, and even then must be planted the first of May. All over the state of Missouri Jumbo does finely. In southeastern Nebraska it produces big corn; in the east half of Kansas it produces excellent results, and farther south into Oklahoma and Texas, Arkansas and Louisiana, Jumbo proves to be an extraordinary producer.

ADAPTED

Jumbo is well adapted to the states mentioned, also southern Illinois, Indiana, Tennessee and Kentucky.

Farmers north of Iowa-Missouri state line would make a mistake planting any considerable quantity of Jumbo. South of this line it is a complete success. Our seed is strictly Iowa grown and of almost perfect germination. Every ear is carefully examined, tipped and butted, shelled and graded.

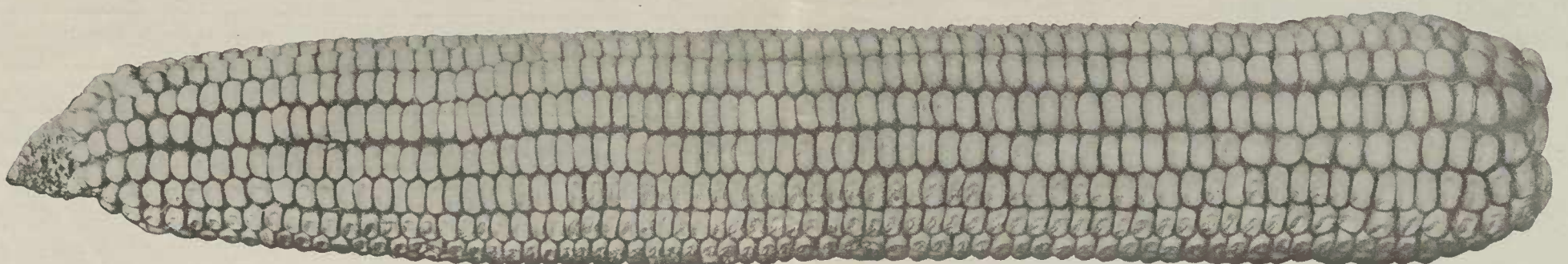
Prices—Per bushel, \$3.00; 5 bushel or over, \$2.50 per bushel; ½ bushel, \$1.75; peck, 90c. Sample ear in each sack if desired.

Selected ears, crated, eight to twelve-inch measure, \$3.50 per bushel.

Mr. Heike of Missouri says: "Only one fault with Jumbo. The ears are so long I have to use a cob fork to shovel my load off."

Mr. Zimmerman, Iowa, 1911, says: "My boys have ears of Jumbo seventeen and eighteen inches long."

JUMBO OR LONG TOM



J. B. ARMSTRONG AND SON, SHENANDOAH, IOWA

Extra Early Varieties for Northern Planters

Iowa Corn Best for Seed

Being in the business of specially growing corn for seed we plant varieties for all parts of the corn belt. The corn generally cultivated here is the medium size, requiring 100 to 110 days to mature, but by planting early we can mature extra large varieties, and by planting extra early varieties, such as Pride of the North, Wisconsin White Dent, Gold Mine, and Early Leaming; we can furnish the finest quality of seed of these varieties. In our soil they produce a rich, plump kernel, full of life and ready to get up and grow faster than any doubtful northern grown crop. Being such strong seed they produce even larger crops than the northern grown. A significant fact is that many northern seed men realize the truth of this statement and come to this district for seed corn in car lots. But being here in the business we can furnish our customers with the cream of the best varieties, properly cared for and carefully prepared.

EARLY LONGFELLOW YELLOW DENT

This extra early long ear Yellow Dent Corn originated in northern Iowa, where we obtained the seed. We do not know who was responsible for producing this excellent variety, but we do know that of all the early corn we have ever grown Longfellow Yellow Dent has produced the biggest yield of any. As the name implies, the ears are long, every ear is long. By trying a load of them with a tape line it is found they average from 8 to 12 inches, some specimens considerably longer.

Seasons like 1911 they are not quite so long as usual, but our crop has the inherited qualities which will make it produce up to its usual record. Whole fields of Longfellow average sixty-five bushels per acre. If planted thickly on good soil we believe it will produce seventy-five to eighty bushels. This year it has produced more than Iowa Silver Mine, and being much earlier it is extremely desirable. The ears have from twelve to fourteen rows of kernels. The kernels are only moderately deep; some smooth, some rough; color is bright yellow; cobs are all red.

The stalks of Longfellow grow to a fair height, make good fodder ensilage, and the crop seldom ever blows down.

ADAPTED

Longfellow is adapted to Northern Iowa, Nebraska, Illinois and Indiana, the southeast one-third of South Dakota, southern Minnesota and Wisconsin and Michigan. In these localities it will produce sound corn and a big crop. In central and southern Iowa it is valuable to cattle feeders. Cattlemen began feeding this corn in August, thus starting their cattle early. Every farm should have a few acres of Longfellow. Can be planted up to the last of June, and still make a big crop of ripe corn.



Early Longfellow Yellow Dent.

Prices: Per bushel, \$2.00; five bushels or over, \$1.75; 1/2 bushel, \$1.25; peck, 75 cents. Selected ears, crated, 8 to 11 inches, \$2.75 per bushel.

Pride of the North (85-Day Yellow)



Pride of the North (85-day, Yellow).

Originated in Iowa, this is the best early dent corn grown. Strong, hardy, vigorous grower from the start, and makes a crop if planted by July 4th. The ears are medium small, kernel deep, and cob bright red. Fully 25 per cent of the stalks have two good ears. It is excellent for early feeding, and can be planted thickly and still make full-sized ears.

Ripens earlier, dries out quicker, makes better fodder, stands drouth better, and will yield more No. 1 corn to the acre than any other variety, and bring the most money in the market.

ADAPTED

Especially adapted to high altitudes, and will mature farther north than any other Dent corn. Can always be depended on in northern Illinois, Iowa or Minnesota, Wisconsin, Michigan and the Dakotas.

Prices: Per bushel, \$2.00; 5 bushel lots, \$1.75; 1/2 bushel, \$1.25; peck, 75 cents.

For selected ears, crated, add 75 cents per bushel to cover cost of crating, packing, etc.

If desired we will place sample ear in each sack.

We absolutely guarantee this corn to be as represented

Armstrong's Choice (90-Day Yellow)

We pride ourselves on having the best and biggest 90-day yellow grown. It is somewhat larger than Pride of the North, is a bigger producer and just as sure. Can be planted in June and still mature a crop of good, marketable corn. May be planted very thickly in the rows and still produce full sized ears. When planted in this manner Armstrong's Choice produces fifty, sixty and seventy bushels per acre.

It is a rich yellow color, dent grain, medium depth, ears good length, and matures in ninety days.

ADAPTED

Armstrong's Choice is adapted to northern Iowa, Nebraska, and Illinois, southeastern South Dakota, southern Minnesota and Wisconsin. In the Northern States it produces a big crop of ears and furnishes excellent fodder and ensilage. Many of our customers order Armstrong's Choice every year because it produces a much bigger yield than native corn, and at the same time is just as early.

Every ear is hand selected, tipped and butted, shelled and graded for edge drop planter.

Prices: Per bushel, \$2.00; five bushels or over, \$1.75; 1/2 bushel, \$1.25; peck, 75 cents.

If desired we will place a sample ear in each sack.

For selected ears, crated, add \$1.00 per bushel to above prices for crating and packing.

White Cap Red Butcher

White Cap Red Butcher is a most excellent early variety of colored corn. The kernel is red, with a white cap, fair depth and solid.

The ears are medium size, a little rough, very solid and good shape.

Worms and birds do not bother White Cap Butcher very much, and for this reason it is well thought of by our southern customers.

White Cap Butcher may always be depended on for a good crop, making fifty, sixty and seventy bushels per acre.

ADAPTED

White Cap Butcher is adapted to nearly all the corn growing states, all over Iowa, Illinois, eastern Nebraska. Fine in Missouri, Kansas, Oklahoma and Texas.

Prices: Per bushel, \$2.00; five bushels and over, \$1.75 per bushel; 1/2 bushel, 90 cents; peck, 50 cents.

F. Putker, Iowa, 1911, says: "I grew 700 bushels of the Red Butcher and made a big crop planted after a late flood."



Improved Calico Corn

Improved Calico is fast coming into popularity with farmers who feed the corn on the farm or sell to farmers. Calico is outyielding many of the pure color sorts and is always of the richest feeding qualities. Fields of Calico yield 60, 70 and 80 bushels of the best sound corn.

The stalk grows short, heavy and plenty of fodder, ears are medium size, kernel deep and the color shows red, white and yellow.

Every ear of Calico in our fields would grow, and our seed is absolutely sure to grow.

ADAPTED

Calico is well known to be adapted to cultivation most everywhere corn is grown. Maturing in 100 days it grows equally well north or south.

Prices—Per bushel, \$2.00; 5 bushels, \$1.75 per bushel; 1/2 bushel, 90c; peck, 50c.

Selected ears, crated, \$1.00 per bushel extra for crating and packing.

Wisconsin White Dent (90-Day)



Wisconsin White Dent, sometimes called Minnesota White Dent and Extra Early White Dent, similar to Silver King. This is a very early white dent, deep grain, semi rough, medium sized ears, well filled, about eight to ten inches in length, with twelve rows of kernels. Safe for a main crop in South Dakota, Southern Minnesota, Wisconsin and Michigan and Eastern States. Also finely adapted for the dry farmers on the plains and a good practical sort for northeastern Nebraska, northern Iowa and Illinois. It is remarkably hardy, vigorous, absolutely sure cropper, in any weather dry or wet; matures in 85 days and yields fifty to sixty bushels sound corn. Our seed is guaranteed pure, good germination, and is sure to please you.

Prices: 1/4 bushel, 75 cents; 1/2 bushel, \$1.25; 1 bushel, \$2.00; 5 bushels at \$1.90 per bushel.

Positively the earliest white dent corn grown.

Armstrong's Mammoth Yellow Flint

Armstrong's Mammoth Yellow Flint is adapted for cultivation in all the northern corn growing sections, where we have many customers who rely on us every year for their seed, knowing we will furnish them the seed of the most excellent germination, true to type and pure.

Flint corn is not useful in the central and southern part of the corn belt. It matures too early and allows weeds to grow in the field if planted too far south. Flint corn belongs in the colder part of the corn belt, where it makes an excellent yield of first class corn. Our stock is grown from northern seed, is absolutely ripe and dry, produces forty to sixty bushels per acre, but must be planted quite thickly in the row to insure such yield. Flint corn grows from 8 to 14 inches long, ordinary ear 10 inches, always has eight rows hard, sleek kernels of the richest feeding quality.

The stalks bear the finest fodder and the corn is ready for cutting from sixty to seventy days. We have shelled our entire stock.

Prices: Per bushel, \$2.50; two bushels or over, \$2.40 per bushel; five bushels or over, \$2.25 per bushel; 1/2 bushel, \$1.25; peck, 65 cents.

Armstrong's White Flint

The ears are long, smooth and symmetrical, flinty white color, a vigorous grower, producing broad leaves of the finest fodder, two to three good ears on the stalk, ripens in seventy days. Suitable for the Dakotas; also high altitudes of the West, Minnesota, Wisconsin and Michigan.

Prices same as Yellow Flint.

PLEASANT VALLEY SEED CORN FARM, SHENANDOAH, IOWA

Seed Oats, Barley, Cane, Etc.



NEW KHERSON OATS

These new oats were introduced from Russia by the United States Agricultural Department. After a few experiments it was shown the New Kherson Oats were a hardy, vigorous variety. The straw grows short, bushy and stiff. They never rust, lodge or blight. In color they are slightly yellow, but give a bright, rich appearance. Our seed is plump and heavy, ordinary wagon loads weighing seventy-five bushels.

Prices: Five bushel lots, \$1.00 per bushel; 10 bushel lots, 85 cents; 50 bushel lots, 75 cents. Sacks free.

EARLY NORTHWESTERN SEED OATS

Medium early bush or sprangled white oats. They seem to us the best white oats we ever raised. They are very prolific, hardy and of the thoroughbred type. Our seed is northern grown, raised especially for seed and bred for yield and quality. They are the best oats we ever saw. Have bright, heavy berry, thin hull, big heads, a hardy kind and seem entirely free from rust and blight. Our seed is cleaned and ready for the seeder. They are well worth the price we ask. If you try a few bushels they will prove it.

Price: Per bushel, \$1.75; five bushels, \$1.50; ten bushels or more, \$1.25. Sacks free.

WHITE RUSSIAN OATS

Introduced from Russia, hardy, vigorous, stout, stiff straw, hardly ever lodge or fall, and made sixty-five bushels per acre in northern Iowa. Our seed is northern grown.

Price: Per bushel, \$1.00; five bushels, 85 cents; ten bushels, 75 cents per bushel.

EARLY CHAMPION OATS

These extra early oats are especially valuable to the Iowa farmer. They grow vigorous and strong, but do not cover the ground, so they are the kind adapted as a nurse crop for clover and other grasses. You always get a stand of grass. They yield up to fifty bushels and over, and you get them harvested as early as fall wheat. They make the earliest feed and are always heavy. Our seed is native, clean and first-class quality.

Price: Per bushel, \$1.25; five bushels, \$1.00; ten bushels or more, 85 cents. All sacks free.

RED RUSTPROOF OATS

These are the red bush or sprangled oats, sometimes called Texas oats, because they withstand the hot weather the best of all kinds. They are very productive and of good quality.

Price: One bushel, \$1.25; five bushels, \$1.00 per bushel; ten bushels, 90 cents per bushel.

SPELTZ

This Russian grain is especially adapted to poor, thin, dry, stony or desert regions; makes good crop on dry land. Withstands excessive heat, frost and heavy rains; not affected by rust or smut. Yields better than barley, wheat or oats. When cut green makes excellent hay and straw, and the grain is excellent feed for hogs or cattle. Ours is good, clean seed and sure to please you.

Prices: One bushel, \$1.50; ten bushels, \$1.25 per bushel.

SPRING WHEAT

We furnish both Blue Stem Velvet Chaff (smooth) and Bearded Spring Wheat. We recommend the Bearded Wheat for Iowa farmers as most productive. Our seed is clean and ready for the seeder.

Price: One bushel, \$1.50. Sacks included, f. o. b. here.

FALL WHEAT

We have fine seed in season of the Bulgarian Turkey Red and other varieties. When you get ready for wheat next fall be sure and write for our price list and samples of pure bred varieties. Ready for shipment about August 1st.

Grasses, Clover, Etc.

ALFALFA SEED

The past season has demonstrated that the growing of alfalfa is to become general on every American farm. Ex-Senator Hord of Wisconsin raised \$2,500 worth of alfalfa hay on thirty acres in one year.

Prof. Holden, Iowa Agricultural College, says one acre of alfalfa pasture will produce 1,600 pounds of pork in one year.

The Department of Agriculture says alfalfa grown on land two years increases its productive value \$100 per acre.

Alfalfa will grow on any good corn soil.

Good preparation of the seed bed and good seed are necessary.

Some farmers are successful with three to five pounds of seed per acre. Best authorities recommend twenty pounds.

At present we are offering excellent seed at \$10.50, \$11.00 and \$12.00 per bushel.

All our seed is free from weed seed; practically all the difference is in color, etc.

SWEET CLOVER

Sweet Clover is just coming into prominence as a valuable forage plant. It is rich both in feeding qualities, and it also supplies richness to the soil and the bacteria, both of which are necessary for alfalfa. Farmers should not go into the sweet clover culture blindly. Many farmers consider sweet clover a bad weed. However, it is easily killed out. All kinds of stock eat sweet clover after becoming used to it. It makes hay and pasture, does not bloat cattle, will grow on alkali soil, and in very many unpromising places withstands dry weather. Sweet clover farmers had plenty of pasture all this dry season.

Prices: Per pound, postpaid, 50 cents. Special price on larger quantities.

WHITE CLOVER

Fine for lawns, bee pasture, or for bottom land.

By mail, pound, 40 cents; 4 pounds, \$1.50.

CLOVER SEED

Common Red or June Clover. We handle only good grade of seed. We handle no low grade seeds whatever. All clover we offer is equal to State Seed Law requirements, and is free from weeds and dirt. It is sold subject to these specifications. We recommend that you look after clover seed early, as prices are very unsteady. Write for prices and samples.

MAMMOTH RYE

This is a very important crop to fill in with; will grow anywhere and most any time of the year; sown in the spring, makes excellent spring pasture, or sown in the fall makes pasture all winter and spring. Goes well with early pig crop; best grain on earth to sow grass with. Our seed is extra good quality.

Prices: One to five bushels, \$1.60 per bushel.

BEARDLESS BARLEY

Success Beardless Barley is a very early variety. Grows medium height and strong, stiff straw and stands up well. It is just as easy to handle as oats. It has hulls like Manshury, but has no beards. Yields fifty to seventy-five bushels, is excellent feed for horses and hogs.

Prices: One bushel, \$2.00; ten bushels, \$1.75 per bushel. We can furnish Manshury or Bearded Barley at same price.

HULLESS BARLEY

The Hulless Barley thrashes out like wheat and rye, and is much more readily eaten by all kinds of stock, being free from the hull and beard. It is a big yielder, vigorous grower, finest feed for horses, hogs or poultry, makes the finest bacon on earth, comes just in time for the growing shoats. Weighs sixty pounds per bushel, and is said to be the most productive barley grown.

Price: Per peck, 85 cents; 1/2 bushel, \$1.50; bushel, \$2.50; five bushels at \$2.25.

ODERBRUCKER BARLEY

This is comparatively a new bearded variety, was originally obtained from Germany; is a stiff straw, heavy yielding bearded variety. Grows about like the Manshury barley, but has a plumper kernel, and is heavier. For stiffness of straw and rust resistance it is superior to any variety; also has nearly double the amount of protein; exceptionally valuable for feeding. If you are going to raise barley get enough of this new kind for a start.

Prices: One bushel, \$2.00; two to ten bushels, 1.75 per bushel.

CANE SEED—(Sorghum)

Sorghum or Sugar Cane has revolutionized the fodder question. Cane is being appreciated more every year, grows well on any good corn or wheat land. Stands drouth well, and absolutely can't be drowned out. The fodder is freely eaten by cattle, horses and hogs. Dairymen find it makes more milk; can be cut several times. The seed makes good buckwheat flour or poultry feed. Ask for special prices. Makes 5 to 8 tons hay per acre.

KAFFIR CORN

This is a most excellent fodder plant, yielding two crops during the season; stalks remain tender until the seed is mature. Is superior to Amber Cane for roughness, as it makes better spring feed. The grain is excellent poultry feed; it also fattens any kind of stock. Drill in rows, five pounds per acre, or sow broadcast one bushel.

Prices: By freight, 1 peck, 50 cents; 1 bushel, \$1.25. Price subject to change late in season.

PURE GERMAN MILLET

On good soil it grows very rank, often five feet high; very tender and excellent feed for horses or dairy cows. Hay must be cut before going to seed; yields five tons per acre. Sow three pecks. Ask for special prices.

COMMON MILLET

This is much earlier than the German Millet; can be sown much later, after wheat harvest or good in high latitudes; makes extra fine hay or a good seed crop. Price same as German Millet. Subject to change.

RAPE

is a forage plant of the highest value; can be sown any time after severe frost, 4 or 5 pounds per acre. In a few weeks it will pasture more sheep, hogs or cattle, 10 to 1 than any other feed you ever sowed. Sowed in the cornfield it prevents corn-stalk disease; excellent to cut for hogs in dry pens, makes good chicken feed; cut it off and it comes again; keeps green away up into winter. Our seed is the pure Dwarf Essex Rape.

Price: By mail, postpaid, lb., 25 cents; 4 lbs., 80 cents. By freight, 10 lbs., \$1.00; 25 lbs., \$2.25; 50 lbs., \$4.00; 100 lbs., \$8.00.

ALSIKE CLOVER

Good for wet, sandy, stony or clay soil, withstands great hardship, fine for bottom land. Seed costs about the same as red clover and goes much farther. Our seed is clean, except for a few timothy seeds. Write for special price

TIMOTHY SEED

We are near the greatest timothy producing section in the United States. Our seed is first-class and pure. Eleven pounds sow an acre.

Present price: \$7.75 per bushel. Sacks 20 cents each.

RED TOP

Fine for sloughs, marshes or for pasture mixture.

Prices on application.

BROMUS INERMIS

Called brome grass; hardy Russian grass grows anywhere; vigorous, big producer, makes good sod, hay is excellent; 25 pounds sow an acre.

Price: Pound, 25 cents; 3 pounds, 65 cents, postpaid; bushel, 14 pounds, \$1.75; per 100 pounds, \$11.00.

HOG PASTURE MIXTURE

(INVESTIGATE THIS.) Quick action, rank grower and permanent. After a series of experiments we pronounce this mixture ideal for the purpose. The cost is low, and when sown early it soon affords abundant green feed in a regular succession of kinds, and most of them come to stay. Two and one-half acres pastured forty-five shoats and calves, and were unable to keep it down. A building lot pastured six shoats and two calves, and the patch had to be mowed besides. The second year it will develop into a fine pasture, if desired, but will not pasture as much stock unless sown again. Contains grains, grasses, clovers and forage. Write for free sample. Sow sixty to 100 pounds per acre.

Price: 500 pounds at \$5.00 per cwt.; 100 pounds, \$6.00; 50 pounds, \$3.00; less than 50 pounds, 7 cents per pound. Sacks free.

BROOM CORN—STANDARD EVERGREEN

For length and straightness of brush this variety is unexcelled. Light green color, without any red tinge. Height 7 to 8 feet.

Price: Mail, postpaid, one pound, 30 cents. By freight, peck, 60 cents; 1/2 bushel, \$1.10; bushel, \$2.00.

POTATOES

EARLY OHIO

The Red River Ohio is our choice for a main crop, and we claim it to be the peer of all potatoes; may always be depended upon. Planted early or late they will surely show their superiority and give a bountiful crop. Healthy, strong grower, making a vigorous vine and quick growth. Probably there is no other potato in the world as popular. Always grows fine, smooth tubers, free from scab, and are genuine seed. Our stock is strictly northern grown, pure and true to name, hand selected and all good size. They are the earliest, purest, and altogether the handsomest stock of Red River Ohios to be found anywhere. We challenge comparison. Their equal does not exist among Early Ohio stock. Ours are grown and stored especially for seed, and every potato is a genuine Ohio.

Prices: One peck, 80 cents; 1/2 bushel, \$1.50; 1 bushel, \$2.50; 5 bushels, \$2.25 per bushel. Sacks free. Paper-lined barrels, 10 cents per bushel extra.

ARMSTRONG'S EXTRA EARLY

This is the largest, handsomest, smoothest and best eating early potato in the world. This extra early, extra large potato should be tested in every garden this spring. There is no question but that it will suit you. The large size, together with its fine quality and big yield, easily place it in the king row of potatoes. If you want big potatoes with a good flavor these are your kind. They will outyield anything on our list. We recommend them to you as the best potatoes we have.

Prices: Postpaid, 1 pound, 30 cents; 4 pounds, \$1.00. By freight, 1 peck, 75 cents; 1/2 bushel, \$1.40; 1 bushel, \$2.50; 5 bushels, \$2.25 per bushel.

ARMSTRONG'S LATE GIANT

This potato grows to extraordinary size; it is a long potato, but very handsome. It is a little late, but an enormous yielder. Our stock is very limited.

Prices: By mail, postpaid, 1 pound, 25 cents; 3 pounds, 60 cents. By freight, 1 peck, 75 cents; 1/2 bushel, \$1.40; 1 bushel, \$2.50.

RURAL NEW YORKERS

The largest yielding potato in existence, very smooth; the eyes are shallow, the skin and flesh are pure white, and superior quality. There is no handsomer potato. Very hardy, and does well even in manured ground. Very desirable for a main crop. Yields 200 to 400 bushels.

Prices: One peck, 50 cents; 1/2 bushel, 90 cents; 1 bushel, \$1.75; 5 bushels, \$1.65 per bushel.

ARMSTRONG'S SIX WEEKS

These potatoes were derived from the Early Ohio. They are a trifle smaller and make stronger, healthier tops. Potato is oblong, smooth, and the eyes very shallow. The flesh is white and cooks dry and mealy, even when very young. They grow fast, close together in a hill, and under favorable conditions are large as hen eggs in six weeks. They are large yielders and splendid keepers, and have the best of cooking qualities. They are a very popular early garden sort.

Prices: Same as Early Ohios.

Armstrong's Choice Garden Seeds

Special Discount

Every customer buying one dollar's worth of garden seeds in packets and ounces will be entitled to the following premiums free: Either 25 cents' worth of seeds of your own selection, or one Rose Bush, either Crimson Rambler, Crimson Baby Rambler, or a Blue Rambler. Stock of Blue Ramblers is limited and we reserve the right after ours are gone to furnish Crimson Rambler or Baby Rambler instead.

POLE BEANS

Cut Short or Corn Hill—The old favorite; climbs poles or corn.
Dutch Case Knife—Wide, flat pod, beans white and large.
Lazy Wife—Fine corn hill bean, seed white.
Prices—Pckt. 10c, pint 25c.

BUSH BEANS

Stringless Green Pod—The best green podded bean, fine flavor, no strings pod long and straight. Big yielder.
Early Red Valentine—Green podded, early and productive.
Black Wax—Enormously productive, round tender pods, early.
Golden Wax—Very popular early, hardy, prolific. Always good.
Kidney Wax—Early and hardy, long yellow pods, excellent yielder. Good shipper.
Prices—Pckt. 10c, pint 25c.

SHELL BEANS

Dwarf Horticultural—Good size, tender and fine flavor. Excellent green or dried for soup or baking.
White Marrowfat—Standard white soup bean, semi-running, highly productive.
Prices—Pckt. 10c, pint 25c.

ASPARAGUS SEED

Conover's Colossal—Standard variety.
Columbian Mammoth White—Large stalk strain from Oyster Bay Asparagus.
Prices—Pckt. 5c, oz. 10c.

CELERY SEED

Golden Self Blanching—Very early, finest quality, medium size, creamy color.
White Plume—Smaller size, extra early, tender and sweet.
Prices—Pckt. 5c, oz. 25c.

TABLE BEETS

Extra Early—Fine, round, sweet, tender beet, rings of light and dark.
Early Egyptian—Extra early, flat turnip shaped.
Crosby's Egyptian—Improved strain, round and smooth. Finest quality.
Eclipse—Extra early, smooth, blood red. For market or home.
Long Blood Red—Slender and smooth. Good winter beet.
Burpee's Improved—Smooth, round root, medium size, dark red, fine grain and sweet. Cooks red. Leaves red veined, superior quality.
Prices—Pckt. 5c, oz. 10c, 1/4 lb. 25c, lb. 70c.

STOCK BEET

Golden Tankard Yellow Mangel—Smooth and uniform large diameter, small tap root, flesh yellow. Grows mostly above the soil. Yields enormously.
Mammoth Long Red—Heaviest cropping, largest Mangel. Two feet long, 6 inches in diameter. Excellent for milch cows and poultry.
Prices—Oz. 5c, 1/4 lb. 15c, lb. 50c, postpaid.

CABBAGE

Early Jersey Wakefield—Very best early cabbage, fair size, pointed. Early and solid.
Early Winningstadt—Like Wakefield, but ten days later.
Henderson's Early Summer—Larger, stands longer. Much like Wakefield, but later.
Early Summer—Large, solid, round flat head, excellent quality. Has a bluish tinge.
Large Wakefield—Half again as large as Jersey Wakefield. Ten days later, solid cabbage.

LATE VARIETIES

Late Flat Dutch—Best flat Dutch cabbage ever offered. Large, heavy, solid, flat on top, bluish color, short stemmed, few outer leaves.
Sure Head—Best all round, solid, deep and heavy, white and fine grained. Keeps well. Always heads.
Drum Head—Large, very flat, wide cabbage. Always big.
Red Cabbage—Late sort, fine for pickling.
Price—Pckt. 5c, oz. 20c, 1/4 lb. 60c, lb. \$2.00.

PLEASANT VALLEY CUCUMBER SEED

Cool and Crisp—Finest flavored cucumber, enormous producer. Always straight, firm, smooth, crisp. The white meat is delicious flavor. One of the best productions of Pleasant Valley Farm.
Early Frame—Desirable for medium sized pickles, fine quality sliced.
Early Green Cluster—Fine for pickling. Grow in clusters. Fine for small pickles, continuous bearers.
Long Green—Almost seedless, long green variety.
White Spine—Large, very smooth. Suitable for slicing. Ripens white.
Evergreen—Medium size, rich, deep green, early and prolific. Chicago Pickling—Best pickle variety. Good for market. Early, prolific, continuous producer.
Prices—Pckt. 5c, oz. 10c, 1/4 lb. 30c, lb. \$1.00.

CAULIFLOWER

Early Snowball—Best early variety, tender and white. Week earlier than early cabbage.
Dwarf Erfurt—For market gardening. Larger size, withstands dry weather.
Prices—Pckt. 10c, 1/4 oz. 75c.

TABLE CARROTS

Danver's Half Long—Large, handsome, dark orange, fine grained, excellent flavor, popular variety.
Ox Heart—Best variety grown. Intermediate size. Pulls easy.
Prices—Pckt. 5c, oz. 10c, 1/4 lb. 25c.

STOCK CARROTS

Improved Short White—Best and most productive.
Large White Belgium—Very productive.
Prices—Oz. 10c, 1/4 lb. 20c, lb. 60c.

EGG PLANT

Purple Spineless—Leading sort for home or garden. Large fruit, rich purple, white flesh.
Ford Hook Spineless—Standard in New York. Productive, large, well colored.
Prices—Pckt. 5c, 1/4 oz. 25c.

SWEET CORN

Country Gentleman—Finest evergreen variety. Six to seven ears on a stalk, medium size, grain very deep. The sweetest of all corn; standard everywhere for finest quality. Country Gentleman is early and produces all season. This is our best variety.
Stowell's Evergreen—Leading standard variety for home or market. Produces fine large ears of superior quality. Fodder and foliage excellent. Table qualities of the crop unexcelled.
White Cob Cory—Extremely early roasting ears—in fifty to sixty days. One of the sweetest and best varieties.
Early Minnesota—Standard popular early variety, ears good size, eight rows, large sweet grains.
Crosby's Early Twelve Row—Flavored second early. Excellent quality, ears seven inches in length.
First of All—Three days earlier than Crosby. Ears ten to twelve rows. Light, very dwarf. Sow thickly in rows.
Prices, Postpaid—Pckt. 10c, pt. 20c, qt. 30c.
Prices by Freight or Express—Stowell's Evergreen, 1/2 bu. \$1.75, bu. \$3.50. White Cory, 1/2 bu. \$2.50, bu. \$4.50. Country Gentleman, 1/2 bu. \$1.50, bu. \$2.75.

POP CORN

White Rice—Very prolific variety. Good ears, deep kernel, clear white. Most popular for popping or market.
Queen's Golden—Large ears, golden yellow variety. Largest yielder. Pops cream color.
Prices—Pckt. 5c, pt. 20c, qt. 35c, postpaid.

LETTUCE

Improved Hanson—Best curled lettuce. Dark green and creamy inside. Tender, stands heat well.
Simpson—One of the best early. Loose head, light green, fine flavor, grows quickly.
California Cream Butter—Smooth leaved cabbage head variety. Rich buttery flavor, stands heat good all summer.
Prize Head—Mixed green and reddish leaves, tender and thin.
All Season Mixture—All varieties mixed. One sowing does for all season.
Prices—Pckt. 5c, oz. 10c, 1/4 lb. 25c.

WATERMELONS

Kleckley's Sweet—The best of all melons. Oval shaped, dark green thin rind. The best for home or garden.
Cole's Early—Very earliest for private garden. Matures far north. Flesh red, sparkling and sweet, medium size.
Sweetheart—Large handsome melon, bright color, fine flesh.
Florida Favorite—Beautiful melon, striped light and dark, oblong shape, flesh bright crimson, crisp and sweet. Good shipper.
Georgia Rattlesnake—Fine market variety, green, mottled and striped.
Halbert's Honey—New introduction. Sweetest of all melons. Similar to Kleckley's. Very sweet and tender, dark green color, large size and fine melons.
Monte Cristo—Large, green color, beautiful core, never stringy.
McIver's Wonderful Sugar—Large, long melon, light, with small green stripes, crisp and juicy, solid to center.
Peerless or Ice Cream—Oblong melon, dark green, pink flesh.
Early Fordhook—Largest early melon, white seed, flesh bright red.
Prices—1/2 oz. 5c, oz. 10c, 1/4 lb. 20c, lb. 65c.
Special Offer—4 pcks. 15c 4/4 lbs. 75c. Special price on larger amounts.

MUSKMELONS

Rocky Ford or Burpee's Netted Gem—The most famous netted melon on the market. Small size, very prolific, heavy netted, always good. Light yellow skin, green flesh. Superior to all other varieties.
Emerald Gem—The sweetest muskmelon. Small, green skin, thick yellow flesh, always good. Its spicy flavor unequalled. Very early, very productive.
Early Hackensack—Distinct variety, medium size, deep ribs, netted green flesh, very juicy and sweet.
Paul Rose—Uniform regular size, very small cavity for seed, flesh deep orange, finest flavor.
Osage or Miller's Cream—Larger melon, nearly round, dark green skin, light bands, thick orange flesh, fine quality.
Prices—Pckt. 5c, oz. 10c, 1/4 lb. 40c. Special price on larger amounts.

TOBACCO DUST FOR STRIPED BUGS—Postpaid, lb. 20c. If sent with freight or express order, lb. 10c, 12 lbs. for \$1.00.

ONION SEEDS

Red Weathersfield—Well known big flat onion. Best keeper and grower for market.
Large Red Globe—Extra large red market onion.
Extra Early Red—Flat, extra early. Yields abundant, keeps well, mild flavor, medium size, ripens early.
Prize Taker—Large yellow onion. Called Spanish King. Sold in fruit stores. Large, mild and tender.
Silver Skin or Portugal—Medium size, white and round. Used for pickling and white sets.
Yellow Flat Danvers—Early, hardy variety.
Yellow Globe Danvers—Good seller. Round, large, thin skin. Ripens early.
Australian Brown—Large brown color, best keeper.
Price of Above Onions—Pckt. 5c, oz. 20c, 1/4 lb. 65c. Special price on pound lots.
White Globe Onion—Largest pure white onion. Solid, good keeper. Brings top prices.
Prices—Pckt. 5c, oz. 25c, 1/4 lb. 90c.
White Queen—Earliest ripening white onion. Small, mild flavor. Should be in every garden for pickling.
Prices—Pckt. 5c, oz. 20c, 1/4 lb. 65c.

ONION SETS

Red, Yellow or White, per qt. 35c, postpaid. By freight, pk. 75c

USEFUL GOURDS

Nest Egg—Resembles hens' eggs, color and size. Vine covers porches and screens. Easy to grow.
Dipper Gourd—Makes useful dippers. Vine covers porches and screens, or grows on the ground.
Prices—Pckt. 10c, oz. 25c.

SQUASHES

Genuine Hubbard Squash—Big rough hard shell Hubbard squash, greenish color, bright yellow meat, fine grain, rich flavor. Keeps all winter.
Warty Hubbard Squash—New strain. Rough shell, thin meat, quality very choice. Good keeper.
Golden Hubbard—Warty yellow skin, turning to salmon color. Finest quality.
Essex Hubbard—Fall and winter squash. Large round, flattened at the end, skin creamy orange. Sometimes called Turk's Cap.
Boston Marrow—Large hard shell. For winter use. Bright orange color, very productive.
Golden Summer Crook Neck—Popular type. Rich golden yellow, thickly warted.
Pike's Peak—Large, oval shape, skin dark green, golden flesh. Very productive.
Delicata—Small fruited summer and winter variety. Oblong, slightly ribbed, skin striped with green, cooks dry, rich flavor.
Ford Hook—Fall and winter squash. Shape of cucumber. Best small squash.
Summer Squash—White bush, scalloped, excellent for summer. Used green.
Cushaw—This vegetable is really a pumpkin, but for baking purposes is equal to any squash. Long white crook neck. Popular.
Prices—Pckt. 5c, oz. 10c, 1/4 lb. 30c, lb. 85c.

PUMPKINS

Large Cheese—Big, sweet pumpkin, for table or stock.
Small Sugar—Fruit 10-inch diameter. Excellent keeper, flesh orange and sweet.
Big Tom—Large, round, fruit smooth, reddish, hard, reddish yellow skin, rich flavor.
Burpee's Quaker Pie—Creamy buff color, fine rich flesh. Good keeper.
Japanese Pie Pumpkin—Striped green, crooked neck. Used for pies or baked like squash.
Prices of Above Varieties—Pckt. 5c, oz. 10c, 1/4 lb. 30c, lb. 90c.
Genuine Kind of the Mammoth's—True mammoth pumpkin, enormous size, sometimes 200 pounds. Salmon color, yellow flesh, fine grain and tender.
Prices—Pckt. 10c, oz. 20c, 2 ozs. 30c, 1/4 lb. 50.

STOCK PUMPKINS

Large Corn Field Pumpkin—Good keeper, excellent to raise with corn.
Prices—Pckt. 5c, oz. 10c, 1/4 lb. 20c, lb. 40c, postpaid.
By express or freight 10 lbs. \$2.50.

SEED PEAS

Owing to the dry season Pea crop partial failure, price is higher.
Alaska—Earliest variety. grow knee high, sets very thickly, dark green pods. Always ready to pick at once.
Improved Extra Early—Very best early pea, grows knee high, yields enormously, medium sized pod. Always sure to produce; ready to pick May 30th.
Nott's Excelsior—Very sweet dwarf early pea, small bush. Does well most years, fancy quality.
Premium Gem—Widely grown, second early. Fifteen to eighteen inches high, plump pods, peas very sweet. Makes two or three pickings.
Gradus Monster Early Pea—Very sweet and tender, climbs 2 1/2 feet.
Ever Bearing—Grows two feet, no stakes used, bears all summer.
Telephone—Large late English pea, very sweet, vine three feet, rank appearance.
Hornford's Market Garden—Largest pea grown. Half dwarf, main crop used by canneries and gardeners.
Prices—Oz. 5c, 1-3 pt. 15c, pt. 40c.

PEPPERS

Cayenne—The red hot kind. Very prolific.
Ruby King—Large, sweet Mango.
Golden Queen—Large sweet yellow pepper.
Bull Nose—Very large, half sweet. Used for pickling.
Prices—Any variety, Pckt. 5c, oz. 25c.

RADISHES

French Breakfast—Well known, half long red, white tip.
Iceberg—Long white, very brittle, mild flavor.
Round Red—Very early, tender and sweet.
Long Scarlet—Best long early red radish.
Chartier—Pink and white color, good late radish.
Lady Finger—Long slender white variety, very popular.
Burpee's Round White—Extra early, clear mild flavor, brittle.
Black Winter Radish—Late hardy variety, grow eight inches to a foot, color black, black and white spotted, fine flavor. Keeps well.
Prices—Pckt. 5c, oz. 10c, 1/4 lb. 20c, lb. 65c.

TURNIPS

Extra Early Milan—Early, tender and sweet, small. Plant in early spring.
White Globe—Pure white and large. Plant in the spring.
Purple Top Strap Leaf—Standard late flat turnip, good keeper. Sow July 25th, for fall use.
Prices—Pckt. 5c, oz. 10c, 1/4 lb. 20c, lb. 50c, postpaid.

RUTABAGA

American Purple Top—Sow in the spring, thin on the ground, or set out like cabbage.
Burpee's Large White—Nutritious and sweet.
Bread Stone—Finest table rutabaga.
Prices—Pckt. 5c, oz. 10c, 1/4 lb. 20c, lb. 60c.

PARSNIPS

Long, Smooth—Standard sort, tender and sweet.
Half Long—Short and heavy, fine quality.
Prices—Pckt. 5c, oz. 10c, 1/4 lb. 20c.

SALSIFY

Mammoth Sandwich Islands—Best variety. Plant very early. Can be left out like parsnips.
Prices—Pckt. 5c, oz. 15c, 1/4 lb. 40c.

TOMATOES

Money in early tomatoes. Tomatoes are the best opportunity to make money from a small plot of ground. One-half acre on Pleasant Valley Farm produced 320 bushels. Every bushel was worth a dollar. Your back door yard set to tomatoes will produce \$100. You can set tomato plants at 10c to 25c per dozen. Make your hot beds in April, set out after last frost.
Matchless—Best large red tomato, beautiful color, fine shape, strong and vigorous vine fruits free from core, will not crack. The largest size, the choicest, smooth, sound. Handsome marketable tomato. Matchless is our choice.
Chalk's Early Jewel—Early variety, fair size, very solid, almost round, often measures 3 1/2 inches across. Color bright scarlet, ripens up to the stem, no cracks or core, fruits have few seeds, thin skin, sweet flavor.
Early Minnesota—Extra early, smooth tomato.
Earlana—Earliest smooth red tomato deep scarlet color, grow in cluster of five to eight, all medium size, smooth and solid. Very small vine.
New Stone—Big, solid, dark red. Earliest large tomato. Always smooth, free from rot, solid meat, good flavor, remarkably prolific. Great tomato for canning purposes.
Ponderosa or Monstrous—Red fruit, large as a dinner plate, solid, few seeds.
Red Pear and Yellow Pear Tomato—Both used for pickling whole; also preserves.
Prices—Pckt. 5c, oz. 25c.

MISCELLANEOUS VEGETABLE SEED

Colorado Preserving Citron—Used for preserving rind. Pckt. 5c, oz. 15c.
Kohlrabi—It is grown for its turnip shaped bulb. Tastes like turnip, but much finer.
Early Vienna Kohlrabi—Best for table use. Pckt. 5c, oz. 20c.

LEEEKS

Broad London Leek—Resembles onion, fine flavor. Pckt. 5c, oz. 10c.

PARSLEY

Plain Parsley and Curled Parsley—Either variety. Pckt. 5c, oz. 10c.

MUSTARD SEED

Southern Giant Curled—Popular for greens.
Chinese Mustard—Large sweet leaves, excellent greens.
White Mustard—For salads, etc.
Black or Brown Mustard—Very pungent.
Prices—Pckt. 5c, oz. 10c.

PEANUT SEED

Plant like potatoes. Thin out to foot apart in the row.
Prices—1/2 pt. 10c, pt. 15c, qt. 30c.

TOBACCO

Raise your own, grows everywhere. Plant same as tomatoes. Connecticut Seed Leaf. Also Missouri Broad Leaf. Pckt. 5c, oz. 30c.

Seed Corn Bulletin

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